

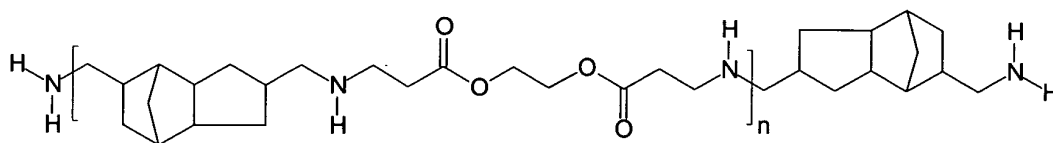
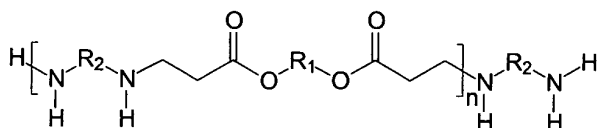
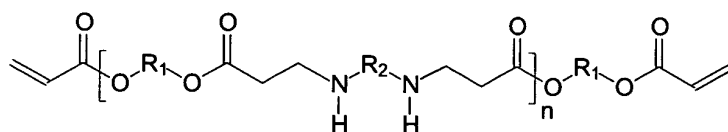
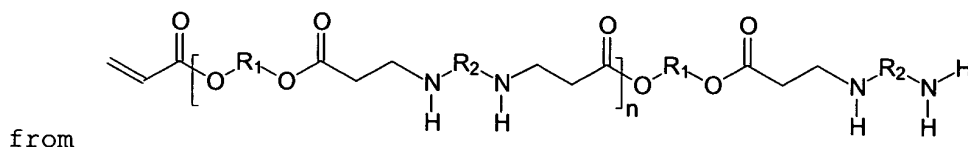


IN THE CLAIMS

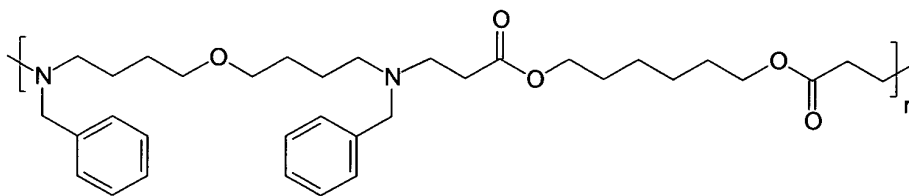
Please cancel claims 1-10 without prejudice or disclaimer.

Please substitute new claims 11-13 as follows:

11. A dental composition comprising a polymerizable monomer, a polyaminoester, a pigment, a filler, an initiator and a stabilizer wherein said polyaminoester has a formula selected



and



wherein

R₁ denotes is a difunctional substituted or unsubstituted C₁ to C₁₈ alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, difunctional substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene,

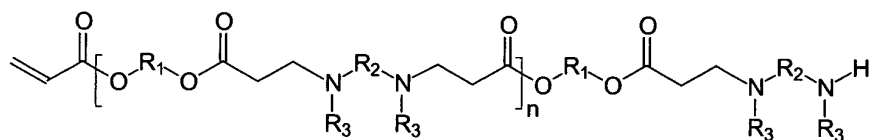
RECEIVED
DEC 05 2002
TC 1700

difunctional substituted or unsubstituted C₇ to C₃₀ alkylene arylene;

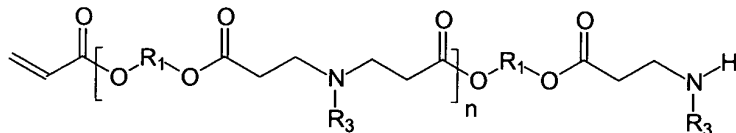
R₂ denotes is a difunctional substituted or unsubstituted C₁ to C₁₈ alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, difunctional substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, difunctional substituted or unsubstituted C₇ to C₃₀ alkylene arylene; and,

n is an integer.

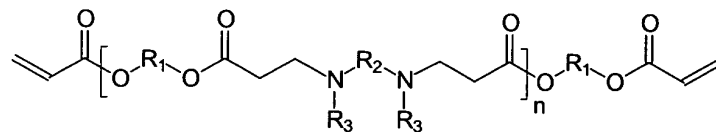
12. Dental compositions comprising a polymerizable monomer and a polyaminoester selected from formulas 1 to 6, pigments, organic and/or inorganic fillers, initiators and stabilizers;



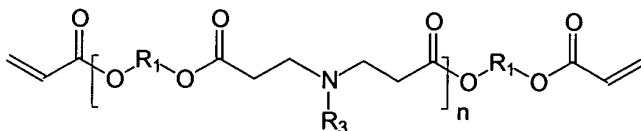
1



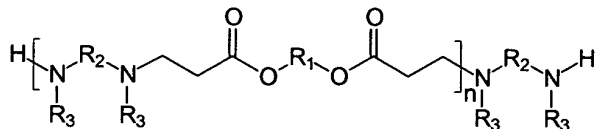
2



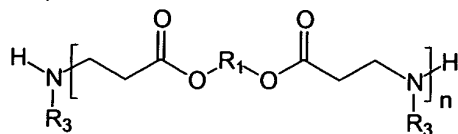
3



4



5



6

wherein

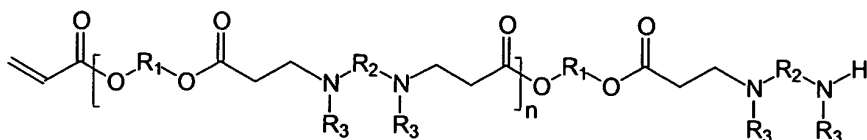
R₁ denotes is a difunctional substituted or unsubstituted C₁ to C₁₈ alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, difunctional substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, difunctional substituted or unsubstituted C₇ to C₃₀ alkylene arylene,

a' R₂ denotes is a difunctional substituted or unsubstituted C₁ to C₁₈ alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, difunctional substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, difunctional substituted or unsubstituted C₇ to C₃₀ alkylene arylene,

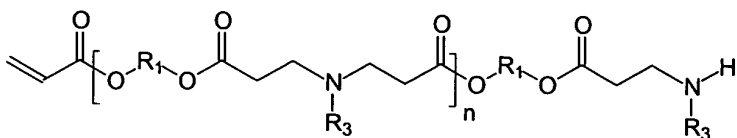
R₃ denotes H or a substituted or unsubstituted C₁ to C₁₈ alkylene, substituted or unsubstituted cycloalkylene, substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, substituted or unsubstituted C₇ to C₃₀ alkylene arylene, and

n is an integer; and wherein said polyaminoester is composed of polyamines and bis- or polyacrylates.

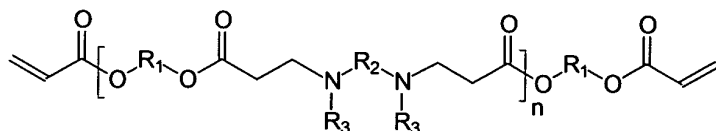
13. Dental compositions comprising a polymerizable monomer and a polyaminoester selected from formulas 1 to 6, pigments, organic and/or inorganic fillers, initiators and stabilizers;



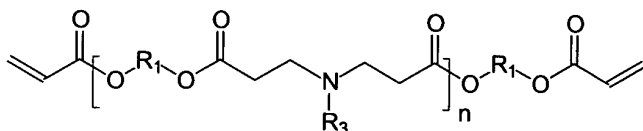
1



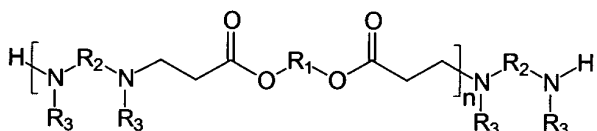
2



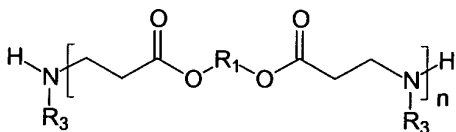
3



4



5



6

wherein

R_1 denotes is a difunctional substituted or unsubstituted C_1 to C_{18} alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C_5 to C_{18} arylene or heteroarylene, difunctional substituted or unsubstituted C_5 to C_{18} alkylarylene or alkylheteroarylene, difunctional substituted or unsubstituted C_7 to C_{30} alkylene arylene,

R_2 denotes is a difunctional substituted or unsubstituted C_1 to C_{18} alkylene, difunctional substituted or unsubstituted cycloalkylene, difunctional substituted or unsubstituted C_5 to

RECEIVED
DEC 05 2002
TC 1700

C₁₈. arylene or heteroarylene, difunctional substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, difunctional substituted or unsubstituted C₇ to C₃₀ alkylene arylene,

a' R₃ denotes H or a substituted or unsubstituted C₁ to C₁₈ alkylene, substituted or unsubstituted cycloalkylene, substituted or unsubstituted C₅ to C₁₈ arylene or heteroarylene, substituted or unsubstituted C₅ to C₁₈ alkylarylene or alkylheteroarylene, substituted or unsubstituted C₇ to C₃₀ alkylene arylene, and

n is an integer; wherein said polyaminoesters are copolymerized with monomers that are usable for step-growth polymerization, with di- or polyepoxides or di- or polyisocyanates.
